



Window Security
Solutions™



*Specialist suppliers of security
products in homes, education, leisure
and the workplace*



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Cardea Solutions is dedicated to improving the safety and security of people and premises all over the world.

For over 18 years, we have been designing and introducing innovative safety and security products, producing a family of solutions designed to protect and built to last, enabling young and old alike to feel safe and secure in their surroundings.

From the vandal proof Crimeshield, police approved window security shutters to the virtually unbreakable Hammerglass. Our solutions are here to make your world a more secure place.

We provide ethical and honest advice on the best security products for your situation; leaving you in no doubt that you can put your faith and trust in our Window Security Solutions division to make your environment a safer place.

Our window security solutions have been installed in a wide variety of places from schools to commercial buildings and homes, preventing vandalism and burglaries across the United Kingdom.



RETRACTABLE GRILLES

Cardea's Retractable Window Grille combines a classic appearance with a high level of protection, ideal for the home or workplace. Available in both standard and insurance approved options, the grilles are designed to keep intruders out while letting maximum light in, perfect for vulnerable ground floor doors and windows.

- The Grilles provide a visual deterrent and feeling of safety, yet can be easily drawn back as and when required.
- Standard Retractable Grilles are provided with the smallest bunch size available on the market.
- Insurance approved grilles available which are tested to Loss Prevention Certification Board and Secured by Design standards which can reduce insurance premiums.
- A choice of 'X' Lattice available as standard and an 'S' Lattice available as an insurance approved option. Our grilles can be powder-coated in a wide range of colours.

APPLICATION

- The Retractable Window Grille can be easily fitted to the face or within the reveal of a window or door aperture.
- Suitable for commercial, retail, domestic properties, offices, and buildings looking for a security fitting with aesthetic control.

SPECIFICATION

- Made from heavy duty steel components throughout.
- Insurance approved options feature a multi-point locking system operating from a single key.
- Guaranteed for a period of 12 months from date of purchase.
- Pre-galvanised components with high quality powder coat finish for excellent durability.



CRIMESHIELD

Crimeshield is an industry accredited crime prevention solution for all kinds of properties, requiring discreet but durable window protection against vandalism.

- Crimeshield provides protection for windows against vandalism, through a sturdy, perforated metal screen. It gives the impression of tinted glass from a distance but is a visual deterrent close-up.
- Crimeshield is mounted in front of the glass in windows or doors. The window security grille can be fitted onto existing windows and looks equally effective mounted in traditional and contemporary frames.
- Crimeshield allows well over 60% of natural light to enter the building, to maintain good visibility indoors.

APPLICATION

- Crimeshield has been fitted in many locations including offices, warehouses, supermarkets, schools, public buildings including police stations and shops.
- Each shield is manufactured to customer requirements so can be made to most shapes and sizes and can be fitted on each individual pane of glass, maintaining full usage of opening windows.

SPECIFICATION

- 2mm thick galvanised steel sheet housed in a 35mm x 35mm aluminium frame, with a matrix of perforations to provide a 60% free area. Slimmer frame profile is available on request.
- Architecturally designed heavy gauge two piece aluminium extrusion frame.
- Secured with concealed anti-tamper fixing screws.
- Fixing type – various options dependant on window type. Most common fixing is inset mount (between reveals) and face fix direct to window frame.
- Guaranteed for a period of 12 months from date of purchase.



HAMMERGLASS

300 times stronger than ordinary glass, scratch resistant and virtually unbreakable - Hammerglass from Cardea is the solution for vandalism and crime in problem areas.

- Manufactured from abrasion-resistant polycarbonate, Hammerglass is tested to Security Class P8B (equivalent to the highest safety rating for grilles and roller shutters).
- Hammerglass features a unique coating of silicon oxide, making it almost as resistant to scratches as ordinary glass. In addition, graffiti and other marks can easily be removed. The coating also provides UV Protection of 99.96% - preventing the glass from becoming cloudy or bleached over time.
- Developed in Sweden, Hammerglass replaces existing glass in window units, and doesn't affect a building's aesthetics in any way.

APPLICATION

- Hammerglass is suited to retail and commercial buildings in high crime areas - it provides excellent protection and is almost indistinguishable from ordinary glass.
- Hammerglass is available in multiple thicknesses up to 20mm, as well as double glazed units.

SPECIFICATION

- Certified Security Class P7B or P8B for strength.
- Abrasion-resistant and easy to clean.
- Lightweight – half the weight of glass.
- 10 year warranty.



HAMMERGLASS WINDOW GUARD

Hammerglass Window Guard is used for outstanding glazing protection. This system is primarily installed as an exterior protection of existing glazing. However for certain applications it can be used for interior protection.

- The specially coated polycarbonate sheet is scratch resistant and secured within steel weatherproof frames.
- The glazing material has a high performance UV absorption layer, resulting in longer life, preventing yellowing and loss of strength.
- Hammerglass Window Guard fits externally in front of your existing windows, effectively shielding the glass from any attempts to burgle or vandalise.
- The installation has no damaging effect on existing architecture. The system protects and strengthens existing wooden frames.
- The window guard is virtually impenetrable against rocks, baseball bats, axes or whatever an attacker can throw.

APPLICATION

- Hammerglass Window Guard is suited to retail and commercial buildings in high crime areas. It is the perfect solution for protection against vandalism and break-ins.
- The Hammerglass Window Guard is intergrated and can be supplied in any RAL and NCS colours.

SPECIFICATION

- Approved according to EN-356 in the following security classes:
 - 6mm Hammerglass Single P7B.
 - 8-12mm Hammerglass Single P8B (equivalent to Protection Level 3, the highest safety rating for anti burglary grilles and shutters).
- Hammerglass is also certified according to British Police standards "Secured by Design".
- 5 year warranty.



ROLLER SHUTTERS

Roller Shutters are tough physical barriers that provide a strong visual deterrent and offer maximum window or door protection and security from theft and vandalism.

- A range of roller shutters are available from a budget manual roller shutter to a high spec, police tested and insurance approved automatic shutter.
- The shutters neatly fold away above the window or doorway, keeping them out of sight whilst your premises are in use. They are a discreet and tidy solution for your business or home.
- Available in a range of styles and finishes including steel and aluminium as well as fire rated versions.
- All of our shutters are custom engineered to suit the application and level of security required. They are strong and have a long life with little maintenance required.

APPLICATION

- Our Roller Shutters are suitable for internal or external installation to protect windows and doors.
- Ideal for retail, commercial and domestic premises requiring a high level of security.

SPECIFICATION

- Our range includes shutters that are tested and approved to LPS 1175-1 and are police and insurance approved.
- Available in a range of styles and finishes.
- Guaranteed for a period of 12 months from date of purchase.
- Multiple operation methods and locking mechanisms available.



FIXED BARS

Cardea's Fixed Window Bars are a traditional, high protection solution to window security. Fitted internally or externally, horizontally or vertically, they provide a strong, durable deterrent to would-be thieves.

- When fitted internally, the windows can still be opened, allowing ventilation without compromising the security of a property.
- The appearance of fixed bars provides an instant deterrent to potential vandals or thieves. When externally fitted, it reduces the risk of window breakage.
- The bars are manufactured from high quality steel and powder coated in white as standard, or can be powder coated in a range of other colours if required.

APPLICATION

- Our Fixed Window Bars are bespoke manufactured for use as a fixed security grille in domestic, commercial and industrial applications.
- Bespoke manufacturing allows various designs and fixing solutions to overcome specific design needs.

SPECIFICATION

- Manufactured in solid steel, the bars are fully welded and spaced at a maximum of 125mm centre to centre, with horizontal tie bars at 450mm intervals, providing the best possible strength.
- Available in different thicknesses of 12, 16, 20 and 25mm.
- Guaranteed for a period of 12 months from date of purchase.
- Custom and decorative bars available.



REMOVABLE WINDOW BARS

Removable window bars are the ideal solution for domestic and commercial applications where removal of the security bars is occasionally required.

- Manufactured from powder coated anti-cut steel bars, which can be fitted vertically or horizontally for internal fitting.
- The window bars are locked into place on the inside of windows using strong extruded aluminium retaining units, yet can be easily released from the inside to allow easy access for maintenance and visibility.
- Supplied in white as standard, though can be powder-coated in a range of other colours if required.
- Operated by a single radial lock point in which the key must be inserted into the lock before any rotation is possible. This unique locking systems means they are released simultaneously in seconds.

APPLICATION

- Our removable window bars are designed for use in both domestic and commercial properties who want a high quality security which can be removed as and when you please to improve aesthetic.

SPECIFICATION

- Each bar consists of a 19mm steel outer tube with a free-moving 15mm steel inner tube.
- The bars are locked into place using a high security 10 pin radial cam-lock with 5 million + key combinations.
- Guaranteed for a period of 12 months from date of purchase.



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BESPOKE OPTIONS

At Window Security Solutions we also offer a range of bespoke security options for commercial and domestic properties alike. Here are some of the other solutions we can offer you...



BAR GATES



We also offer a similar customisable bar solution for windows.

We can provide custom bar gates for both residential and commercial properties. Our bar gates can be customised in both design and material, ensuring you receive the right gate for your needs. Our expert fabrication team pride themselves on the quality of workmanship, making a variety of designs including - but not limited to - entrance gates, ram barriers, driveway gates, residential security gates and commercial gates.



SECURITY CAGES

Steel Cages are designed for commercial premises, allowing you to protect your high value property inside the building. From computer equipment and server rooms to pharmaceuticals and high value stock, a steel cage offers an extra-layer of security inside your building to prevent unauthorised individuals from entering. Designed in a range of sizes and finishes, we can provide steel mesh cages, computer security cages and metal cages.



STEEL MESH GRILLES

Steel Mesh Grilles offer a low-budget security solution in both the home and in commercial properties. Coming in both a diamond and square design, steel mesh grilles work as a visual deterrent to potential intruders. These grilles are ideal for windows with limited space or customers looking for a low-cost security solution. This grille is also often used in conjunction with other security products to lower overall costs.



XPANDA

The XPANDA is a visually effective security barrier which operates with a trackless system for easy operation and folds away for maximum visibility when not in use. Suitable for a multitude of sizes and openings, this low-cost security solution works effectively across a variety of applications including concession stands, pharmacies, catering facilities, shop windows and patio doors.

CUSTOMER FEEDBACK

“The guy came to provide a quotation within 24 hours of my initial call; we had a limited time before installation because we were going on holiday but they expedited the order to make sure the window grilles were installed in time; communications were terrific; the installers when they came were delightful, quick and efficient.”

Katherine St John-Brookes, London

“We are very impressed with the end result - it is very subtle. Crimeshield offers the protection you need without looking obtrusive. We would absolutely recommend Crimeshield and Window Security Solutions to any school who need to manage security while maintaining a happy working environment. The service we received from Cardea from quote to installation was outstanding”

Briscoe Lane Academy, Manchester

“Professional, efficient and good value for money. aExcellent personel. Will definitely recommend and use again, Thankyou”

Sultan Abatay, Chingford

“I explained my problem. I was offered a solution. Only in the fullness of time will I know whether the product I bought does the job. The staff member I spoke to was courteous and helpful.”

Bob, Nottingham

“Delivered ahead of time, good advice and friendly too. Product was easy to fit and of high quality.”

Andrew Salthouse, Taunton

“Good service up to order Excellent interaction deciding style and colour. Delivered on time. Excellent product.”

Paul Jackson, Ringwood

“We were happy with the instant quote system available online and was extremely impressed with Window Security’s prompt response to our enquiry. The service we received from Dominic was faultless – he provided a clear and accurate quote and assisted us with measurements and installation instructions. Moreover, the lead time on their products was the quickest.

We have achieved our objective of securing our property and protecting all of our documents. The grilles look fantastic on the windows. We have experienced an outstanding after sales service and would recommend Window Security & Safety to other companies.”

Cadmus Dental Surgery, Nottingham

“I will have no hesitation in recommending your company’s window security products and the service that you have provided. Many Thanks.”

R Meaden, Bath



Window Security Solutions™

To discuss our window security products please call
Cardea today on:

0161 413 0766

We are here to help you stay safe and secure.

windowsecuritysafety.co.uk

